## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| SI       | 404  | 128/204.22.cds.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>10:01 |
| ¥        | 126  | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilat\$5 and (control\$4 or process\$4) and (fast\$4 or quick\$4 or rapid\$4) and (slow\$4 or gradual\$4) and (dead\$4 with space) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>10:22 |
| 35       | 6    | "09607713"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>10:35 |
| <br>57   | 117  | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilat\$5 and (error same correct\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>11:03 |
| 8        | 50   | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilat\$5 and (error same correct\$4) and error same signal   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>11:11 |
| 9        | 67   | 57 not 93   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>12:16 |
| 310      | 246  | ((128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilat\$5 and ((error same correct\$4) or error same signal)) not \$8  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>12:21 |
| 311      | 33   | ((128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilat\$5 and ((error same correct\$4) or error same signal) and fuzzy logic) not \$8  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ                 | ON      | 2009/11/20<br>12:25 |

| S12  | 2   | '6532957".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/20<br>12:35 |
|------|-----|---|---|-----|----|---------------------|
| 313  | 198 | ventilator and (sens\$4 or transduc\$4) same (slow\$4 or gradual\$4) same (response)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/20<br>17:33 |
| 314  | 36  | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and ventilator and (sens \$4 or transduc\$4) same (slow\$4 or gradual\$4) same (response) | US PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/20<br>18:49 |
| 315  | 33  | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and clip\$4 integral  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/20<br>19:43 |
| 316  | 57  | "128".clas. and ventilator and (physiolog\$4 with dead with space)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>14:44 |
| 517  | 94  | "128".clas. and (physiologic\$4 same dead with space)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>14:51 |
| 318  | 43  | ("128".clas. and (physiologic\$4 same dead with space)) not S16   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>14:52 |
| 319  | 123 | ("128".clas. and (physiologic\$4 or anatomic\$4) same dead with space) not S16  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>14:54 |
| 220  | 29  | ("128".clas. and (physiologic\$4 or anatomic\$4) same alveol\$4 same dead with space) not S16   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>15:32 |
| \$21 | 27  | ((DAVID) near2 (BASSIN)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2009/11/23<br>20:04 |

| \$22 | 2    | ;"5645054",pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2009/11/23<br>20:11 |
|------|------|---|---|-----|----|---------------------|
| \$23 | 74   | ("4537190"   "4570631"   "4655213"   "4803471"   "5117819"   "5148802"   "5174287"   "5199424"  <br>"5239995"   "5245995"   "5313937"   "5335654"   "5353788").PN. OR ("5645054").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2009/11/23<br>20:11 |
| \$24 | 415  | 128/204.22.cds.   | US PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/03/11<br>14:13 |
| S25  | 0    | VENTILATORY ASSISTANCE FOR TREATMENT OF CARDIAC FAILURE AND CHEYNE-STOKES BREATHING   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/27<br>17:21 |
| S26  | 0    | VENTILATORY ASSISTANCE FOR TREATMENT OF CARDIAC FAILURE AND CHEYNE?STOKES BREATHING   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/27<br>17:22 |
| S27  | 0    | VENTILATORY ASSISTANCE FOR TREATMENT OF CARDIAC FAILURE AND CHEYNE STOKES BREATHING   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/27<br>17:22 |
| S28  | 13   | VENTILATORY ASSISTANCE with TREATMENT with CARDIAC FAILURE AND CHEYNE STOKES BREATHING  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/27<br>17:22 |
| S33  | 1297 | 128/ 200.24.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>12:58 |
| S34  | 6    | patient ventilator synchronization  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>13:05 |
| S35  | 132  | "128".clas. and above target  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>15:03 |

| 336 | 2   | "6553992".pn.  | USPGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT  | ADJ | ON | 2010/10/28<br>15:09 |
|-----|-----|--|---|-----|----|---------------------|
| 37  | 2   | '6553992".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>19:25 |
| 38  | 25  | ("4036221"   "4155356"   "4448192"   "4776333"   "5134995"   "5165398"   "5303698"   "5331995"  <br>"5503146"   "5540220"   "5669379"   "5735267"   "5865173"   "5931160"   "6082357"   "6135105"  <br>"6135106"   "6158432"   "6273088"   "6305372"). PN. OR ("6553992"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2010/10/28<br>19:25 |
| 39  | 0   | adjustment of ventilator pressure  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>19:41 |
| 40  | 0   | adjustment of ventilator   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>19:42 |
| 41  | 8   | adjustment with ventilator pressure?time profile'  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>19:42 |
| 42  | 8   | adjustment with ventilator pressure?time profile   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>UPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>19:42 |
| 43  | 282 | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and error and (target or desired)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>20:01 |
| 44  | 852 | (128/200.24,204.18,204.21,204.23,204.25,204.28,205.11,206.21,204.26,204.29.ccls.) and error  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>20:01 |
| ¥5  | 570 | S44 not S43  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>20:51 |

| S46 | 1806 | 128/204.18.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>22:03 |
|-----|------|--|---|-----|----|---------------------|
| S47 | 1692 | 128/204.21,204.23,204.25.cds. not S46                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>22:03 |
| S48 | 1675 | 128/204.26,204.28,204.29,205.11,206.21.cds. not (S46 or S47) | US PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | ADJ | ON | 2010/10/28<br>22:04 |

## EAST Search History (Interference)

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## 12/16/2010 1:28:25 PM

 $\textbf{C:} \ \, \textbf{Documents} \ \, \textbf{and Settings:} \ \, \textbf{Ilouis:} \ \, \textbf{My Documents:} \ \, \textbf{EAST:} \ \, \textbf{Workspaces:} \ \, \textbf{10596034 Resp Insufficiency.wsp.}$